

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-6 (Cancelled).

Claim 7 (Previously Presented): A multi-carrier CDMA radio transmitting method of replicating each information symbol, disposing the replicated information symbols along a frequency axis, multiplying the the replicated information symbols by a spreading code along the frequency axis, thus spreading the information symbols into components of a plurality of sub-carriers having different frequencies, and thus rendering multiplex transmission of the information, comprising the step of

enabling a transmission rate of the information to be changed by controlling multiplex transmission intervals along a time axis for each user to which the information is to be transmitted.

Claim 8 (Previously Presented): A multi-carrier CDMA radio transmitting method of replicating each information symbol, disposing the replicated information symbols along a frequency axis, multiplying the the replicated information symbols by a spreading code along the frequency axis, thus spreading the information symbols into components of a plurality of sub-carriers having different frequencies, and thus rendering multiplex transmission of the information, comprising the step of

enabling a transmission rate of the information to be changed by controlling the number of modulation levels used when the information symbols to be spread are obtained through data modulation.

Claim 9 (Cancelled).

Claim 10 (Previously Presented): The method as claimed in claim 7, wherein respective sub-carriers assigned for the spreading of the information symbols are orthogonal along the frequency axis.

Claim 11 (Previously Presented): The method as claimed in claim 8, wherein respective sub-carriers assigned for the spreading of the information symbols are orthogonal along the frequency axis.

Claim 12 (Cancelled).

Claim 13 (Previously Presented): The method as claimed in claim 7, wherein respective sub-carriers assigned for the spreading of the information symbols have frequency characteristics such that the frequency spectra do not overlap between each adjacent sub-carrier.

Claim 14 (Previously Presented): The method as claimed in claim 8, wherein respective sub-carriers assigned for the spreading of the information symbols have frequency characteristics such that the frequency spectra do not overlap between each adjacent sub-carrier.

Claim 15 (Cancelled).

Claim 16 (Previously Presented): The method as claimed in claim 7, wherein respective sub-carriers assigned for the spreading of each information symbol are disposed discretely along the frequency axis.

Claim 17 (Previously Presented): The method as claimed in claim 8, wherein respective sub-carriers assigned for the spreading of each information symbol are disposed discretely along the frequency axis.

Claim 18 (Cancelled).

Claim 19 (Previously Presented): The method as claimed in claim 7, wherein respective sub-carriers assigned for the spreading of each information symbol are disposed successively along the frequency axis.

Claim 20 (Previously Presented): The method as claimed in claim 8, wherein respective sub-carriers assigned for spreading each information symbol are disposed continuously along the frequency axis.

Claims 21-27 (Cancelled).

Claim 28 (Previously Presented): A multi-carrier CDMA radio transmitting apparatus replicating each information symbols, disposing the replicated information symbols along a frequency axis, multiplying the the replicated information symbols by a spreading code along the frequency axis, thus spreading the information symbols into components of a

plurality of sub-carriers having different frequencies, and thus rendering multiplex transmission of the information, comprising

an intermittent transmission control part controlling multiplex transmission intervals along a time axis for each user to which the information is to be transmitted.

Claim 29 (Previously Presented): A multi-carrier CDMA radio transmitting apparatus replicating each information symbols, disposing the replicated along a frequency axis, multiplying the the replicated information symbols by a spreading code along the frequency axis, thus spreading the information symbols into components of a plurality of sub-carriers having different frequencies, and thus rendering multiplex transmission of the information, comprising

a modulation level number control part controlling the number of modulation levels used when the information symbols to be spread are obtained through data modulation.

Claim 30 (Cancelled).

Claim 31 (Previously Presented): The apparatus as claimed in claim 28, wherein respective sub-carriers assigned for the spreading of the information symbols are orthogonal along the frequency axis.

Claim 32 (Previously Presented): The apparatus as claimed in claim 29, wherein respective sub-carriers assigned for the spreading of the information symbols are orthogonal along the frequency axis.

Claim 33 (Cancelled).

Claim 34 (Previously Presented): The apparatus as claimed in claim 28, wherein respective sub-carriers assigned for the spreading of the information symbols have frequency characteristics such that the frequency spectra do not overlap between each adjacent sub-carrier.

Claim 35 (Previously Presented): The apparatus as claimed in claim 29, wherein respective sub-carriers assigned for the spreading of the information symbols have frequency characteristics such that the frequency spectra do not overlap between each adjacent sub-carrier.

Claim 36 (Cancelled).

Claim 37 (Previously Presented): The apparatus as claimed in claim 28, wherein respective sub-carriers assigned for the spreading of each information symbol are disposed discretely along the frequency axis.

Claim 38 (Previously Presented): The apparatus as claimed in claim 29, wherein respective sub-carriers assigned for the spreading of each information symbol are disposed discretely along the frequency axis.

Claim 39 (Cancelled).

Claim 40 (Previously Presented): The apparatus as claimed in claim 28, wherein respective sub-carriers assigned for the spreading of each information symbol are disposed successively along the frequency axis.

Claim 41 (Previously Presented): The apparatus as claimed in claim 29, wherein respective sub-carriers assigned for the spreading of each information symbol are disposed successively along the frequency axis.

Claims 42-49 (Cancelled).

Claim 50 (New): The apparatus as claimed in claim 7, wherein the intervals are adjusted prior to spreading.